

17 954646

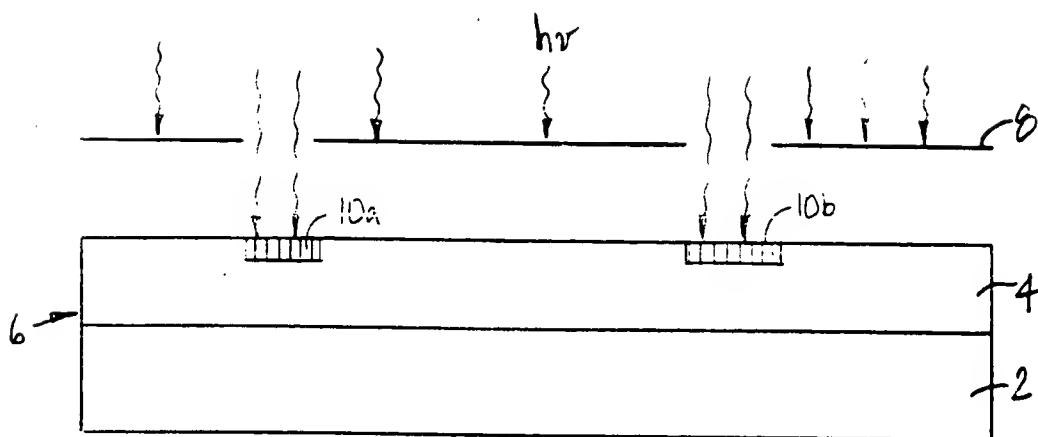


FIG. 1.

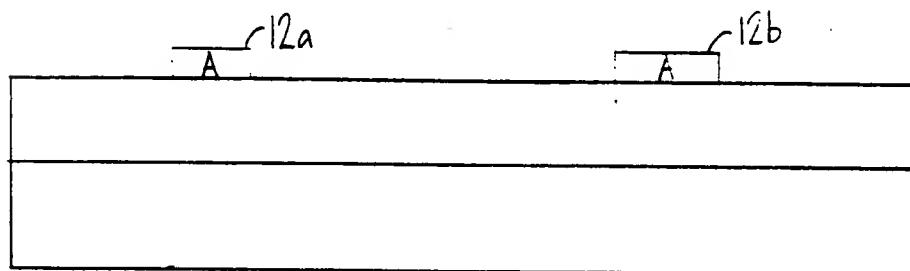


FIG. 2.

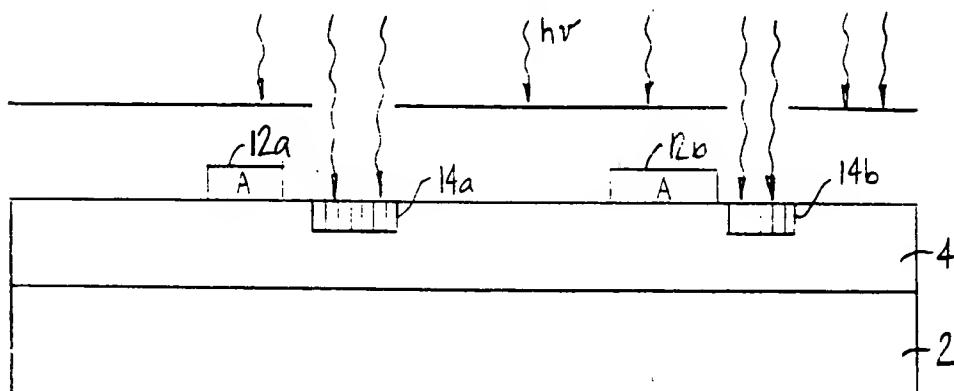


FIG. 3.

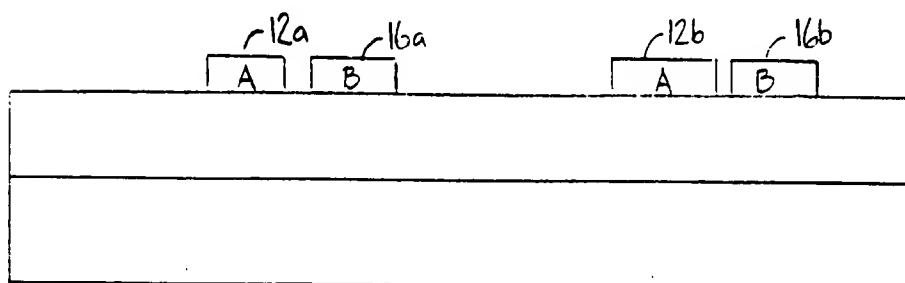


FIG. 4.

87 954646

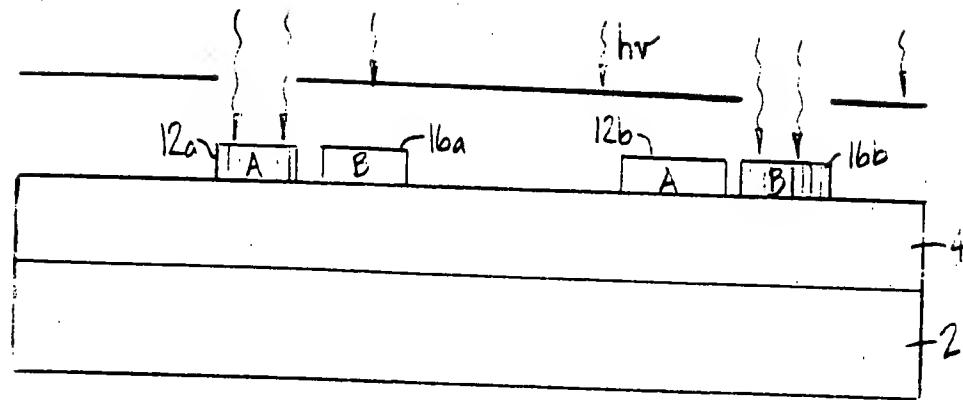


FIG. 5.

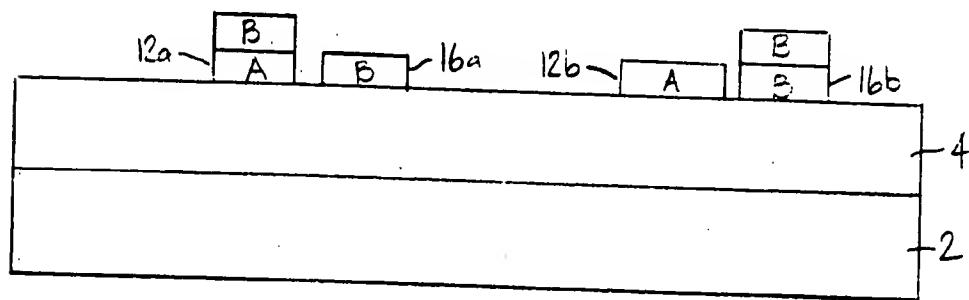


FIG. 6.

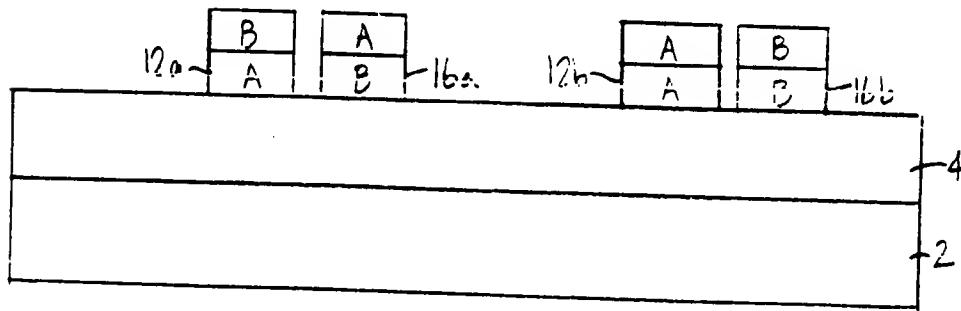


FIG. 7.

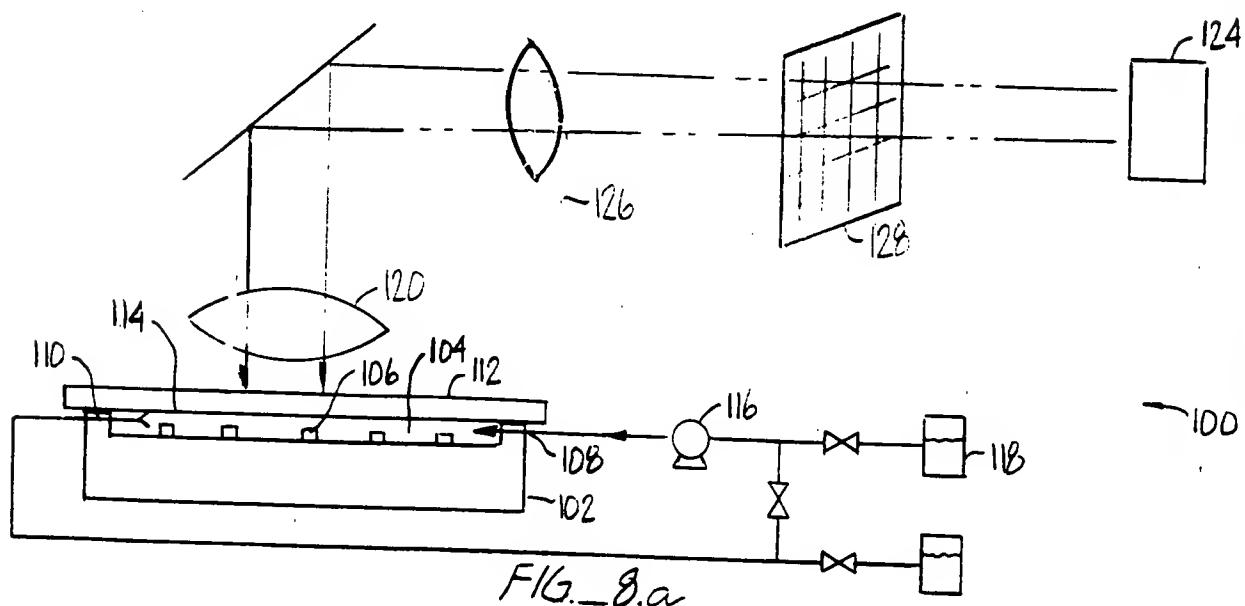


FIG. 8.a

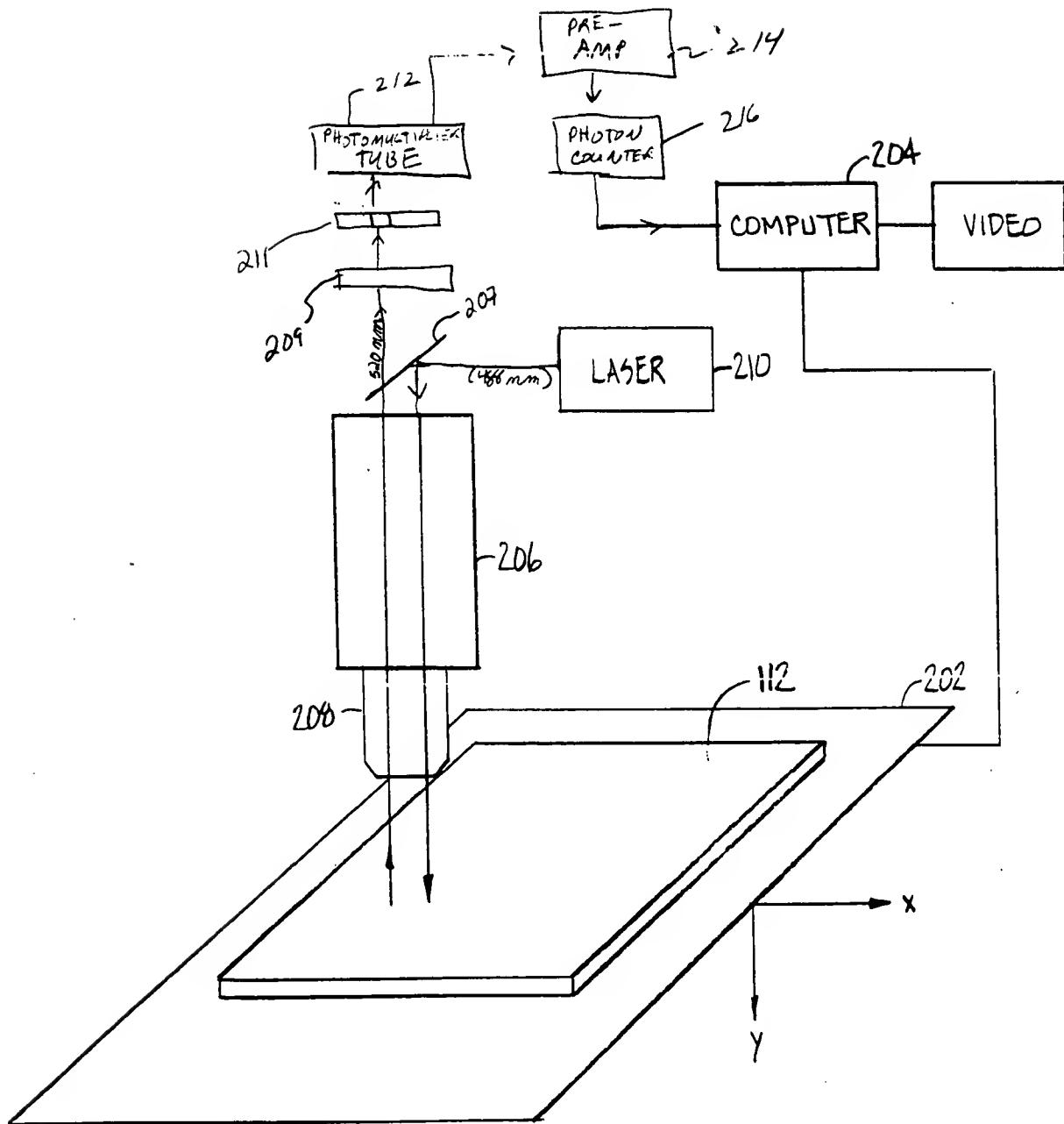
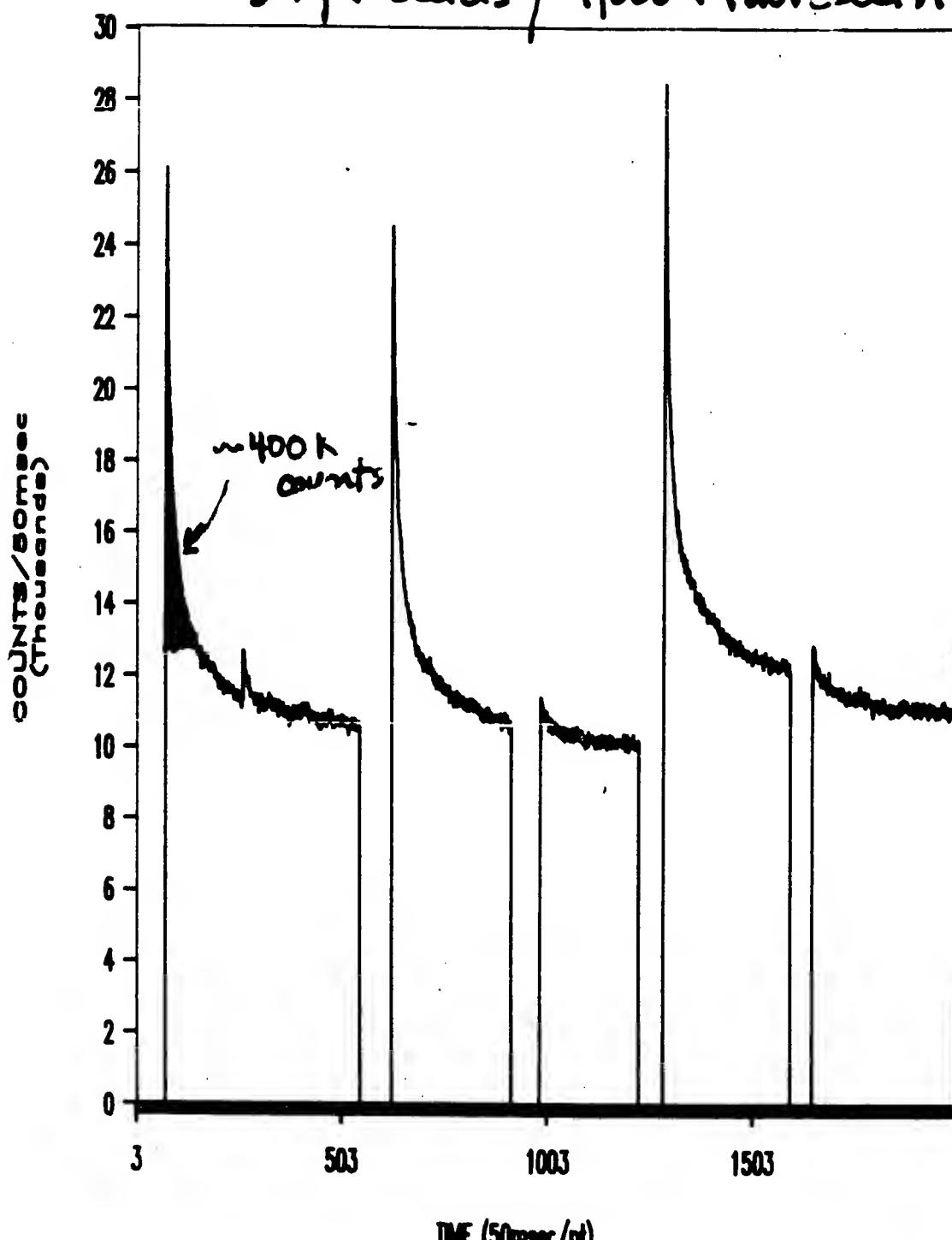


FIG.-9.

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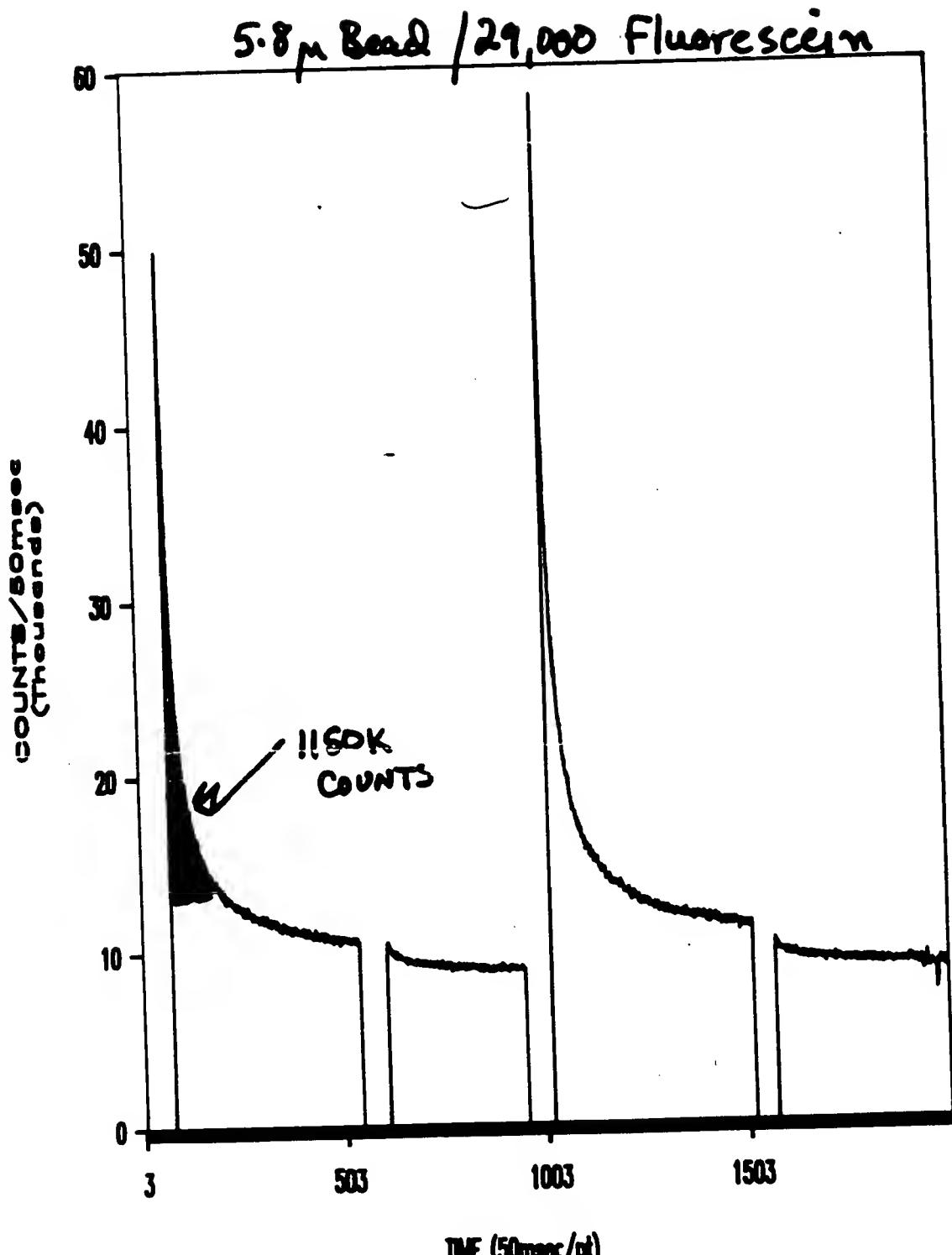
5.8 μ beads / 7,000 Fluorescein



$\sim 2 \times 10^{-6}$ chromophore / A^2

Fig. 11 A

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$\sim 8 \times 10^{-6}$ chromophore / A^2

F16.11C

87 954646

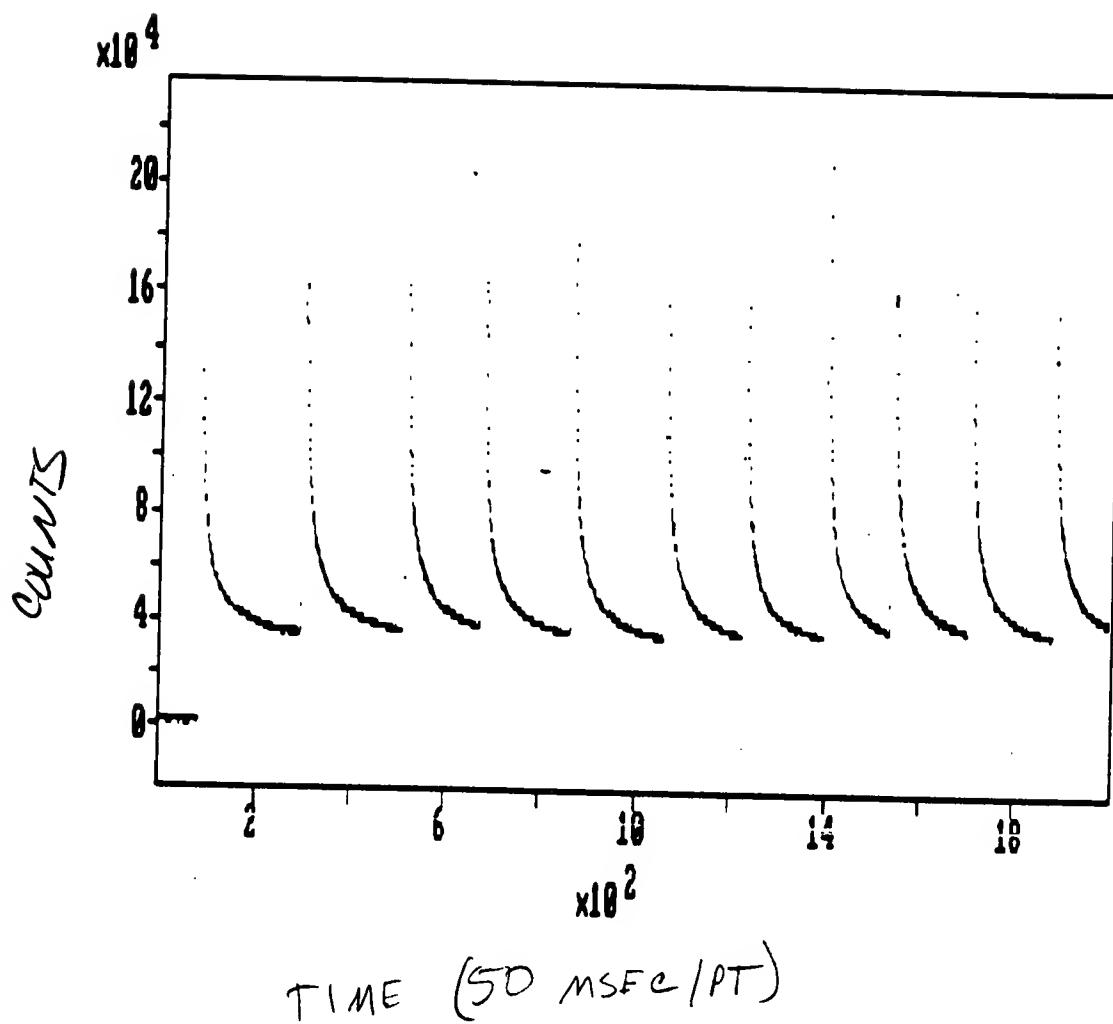


Fig 12B

01 954646

1823027
728188.3
322289.5
300672.6
285930.7
278559.7
271186.8
212221.1
197470.2
182737.3
130511.9

01-16-1994
VLSIPS (C) Offymax Research Institute

Mean: 2859.387
Var: 2.173242E+18
0: 147419.2

FIG. 13A

01 954646

617735.3
417736.7
142724.2
127723.9
117723.6
112723.5
107723.4
67722.45
57722.21
47721.98
17721.27

01 16 1988
9131P2 01 001 Unex Research Institute

Mean: 117723.6
Var: 1.888847E+18
01 100000.0

F16. 13B

954646



552481.3

373312.4

126363

113525.5

104567.2

109880

95688.80

59225.46

58812.12

41853.76

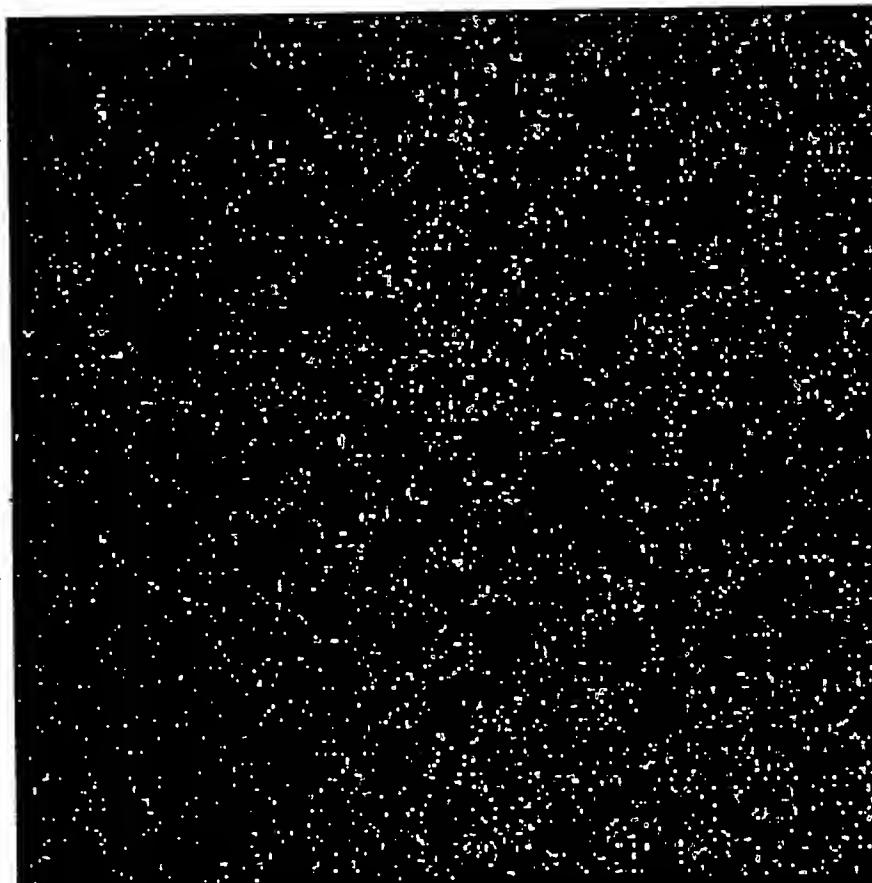
14983.75

Mean: 184167.
Over: 8.821197E+00
0: 69563.42

01-27-1998
9LSI™ - Comptech Research Institute

FIG. 13c

01 954646



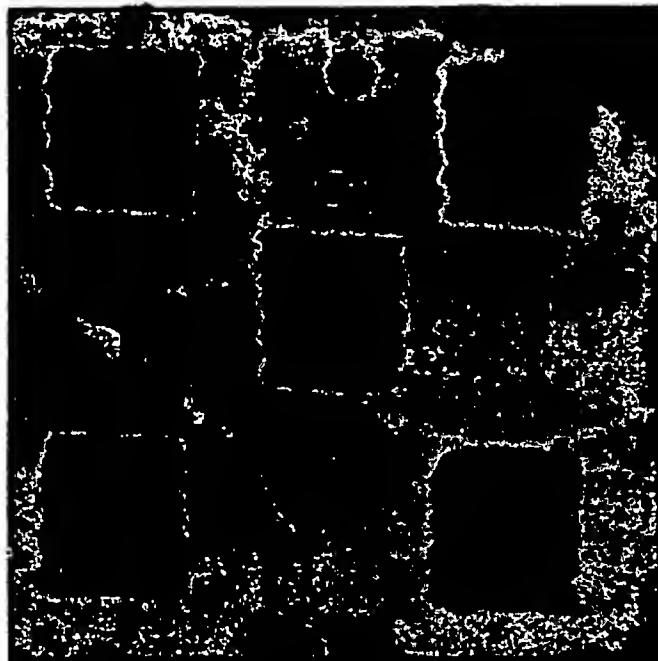
01-22-1998
VLSTP: (c) Infymax Research Institute

495246
335266.3
116481.9
181520.9
96546.92
92559.93
88572.94
56677.92
48783.84
48729.86
16887.12

Mean: 96546.92
Var: 6,358437E+00
n: 79739 6

F16. 13D

01 954646



136987.9

71777.4

46996.40

62441.31

89941.53

37286.44

35667.75

22724.63

19483.85

16247.87

6536.731

12-10-1964
0134 - Computer Research Institute

Mean	13901.17
Var	13417.31
S.D.	37.36

F16.14

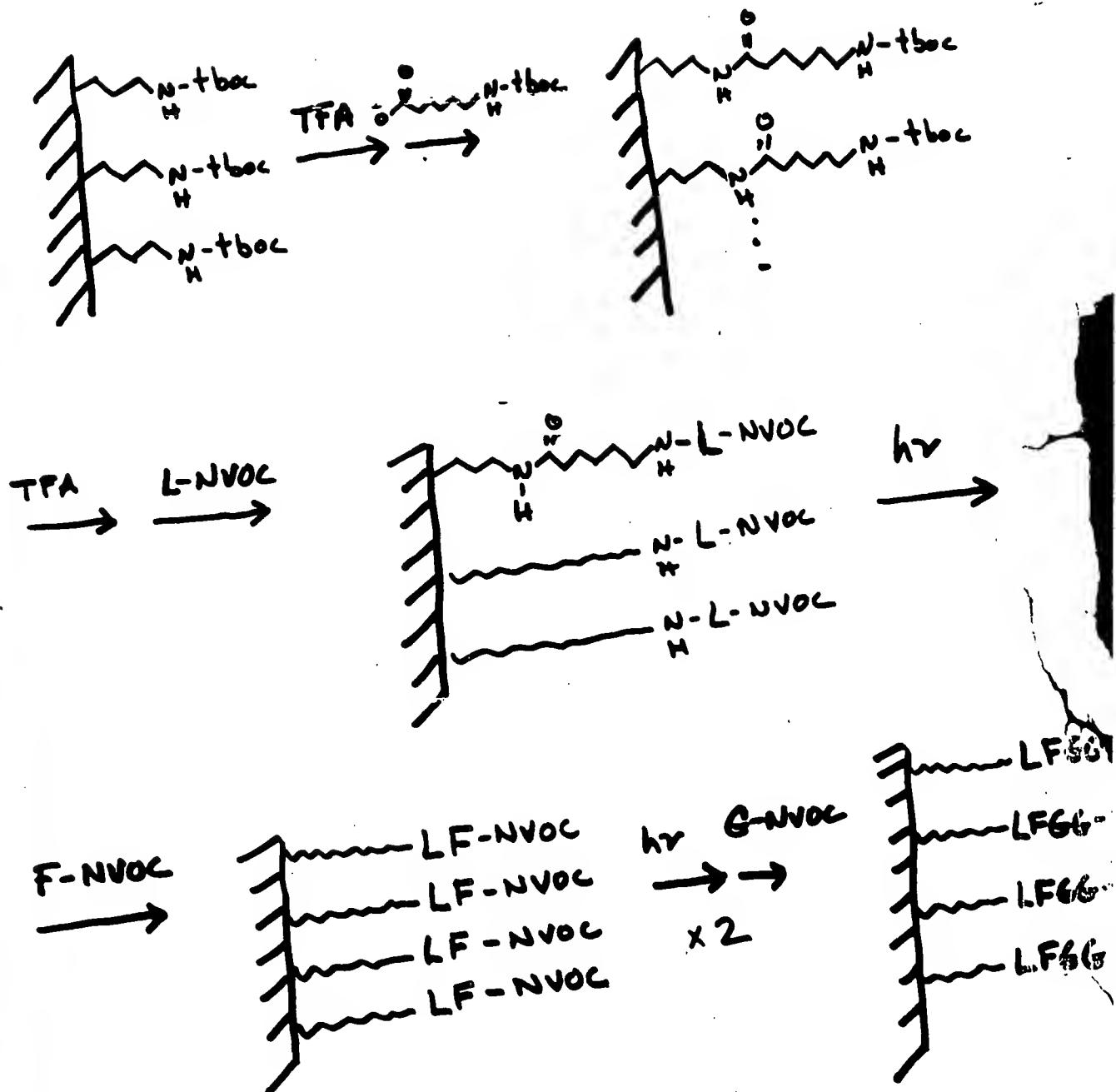
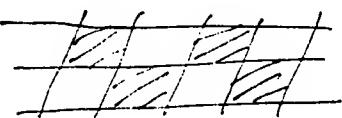


FIG. 15A

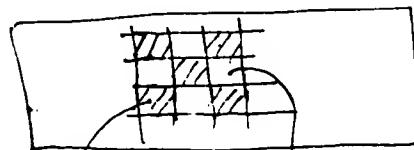
11 954646

NVOC GGFL

↓ hr



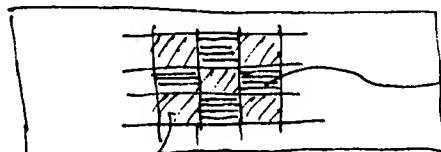
500 x 500 μm MASK



NVOC GGFL

H2NGFL

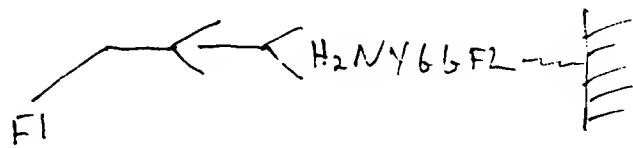
↓ NVOCY, hr



H2NGFL

↓ HEK2

↓ GOAT ANTI-MOUSE-F1



F1G. 15B

07 954646

FIG. 15C

87 954646

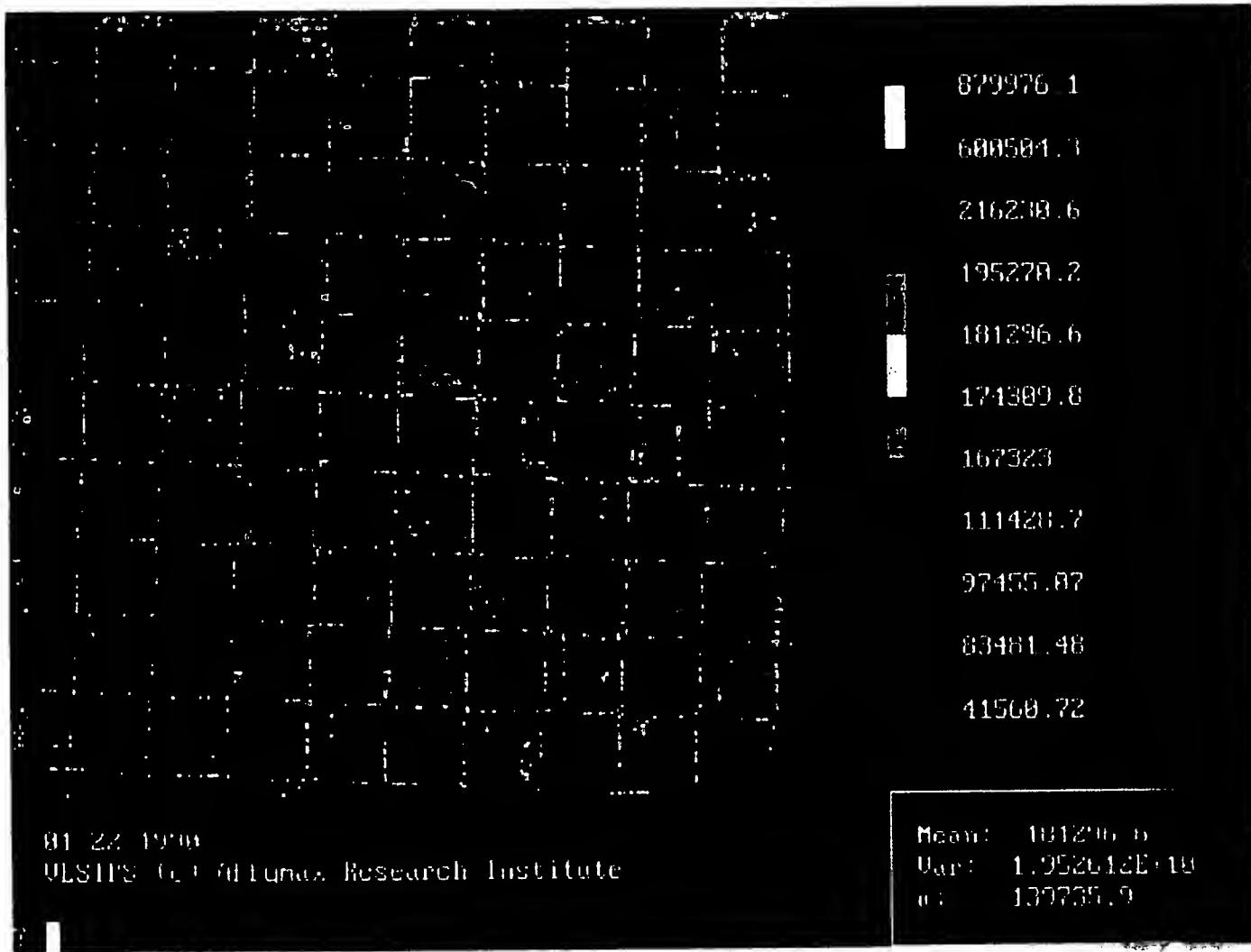


FIG. 15D

954646

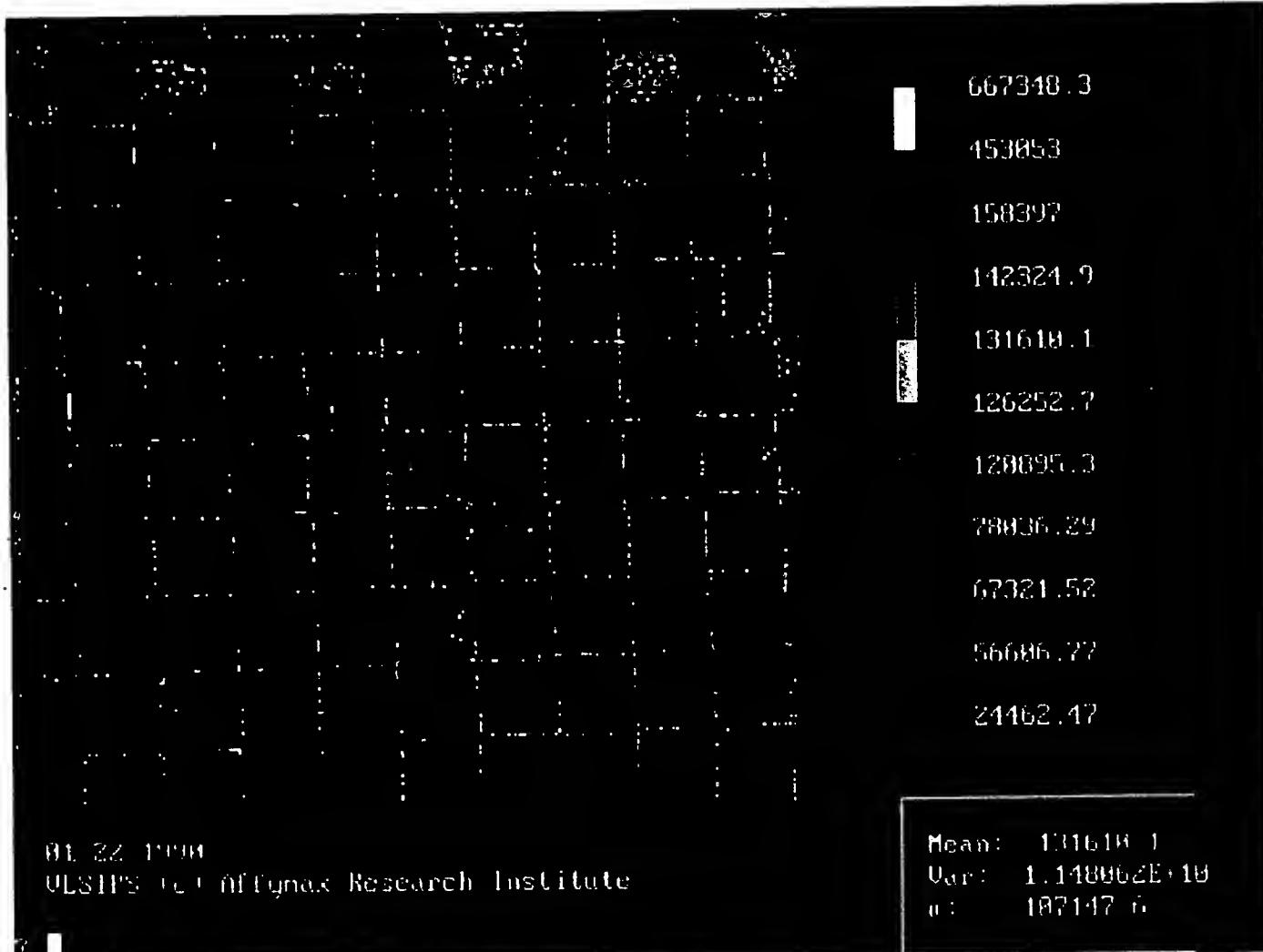
636500
433901.6
142577.9
136977.5
116577.3
111377.2
106177.1
64576.25
54126.82
43775.82
12575.18

02/20/1998
QLSI Inc. (Infinix Research Institute)

Mean: 116577.3
Var: 1.801645E+18
n: 104882.1

F16, 16

954646



P A S G

87 954646

<u>L</u> PGFL	<u>L</u> AGFL	<u>L</u> SGFL	<u>L</u> GGFL
<u>F</u> PGFL	<u>F</u> AGFL	<u>F</u> SGFL	<u>F</u> GGFL
<u>W</u> PGFL	<u>W</u> AGFL	<u>W</u> SGFL	<u>W</u> GGFL
<u>Y</u> PGFL	<u>Y</u> AGFL	<u>Y</u> SGFL	<u>Y</u> GGFL

L

F

W

Y

FIG. 18a

P - a - a - G

<u>Y</u> PGFL	<u>Y</u> AGFL	<u>Y</u> AGFL	<u>Y</u> GGFL
<u>f</u> PGFL	<u>f</u> AGFL	<u>f</u> AGFL	<u>f</u> GGFL
<u>w</u> PGFL	<u>w</u> AGFL	<u>w</u> AGFL	<u>w</u> GGFL
<u>y</u> PGFL	<u>y</u> AGFL	<u>y</u> AGFL	<u>y</u> GGFL

Y

f

w

y

FIG. 18b

01 954646

149,000

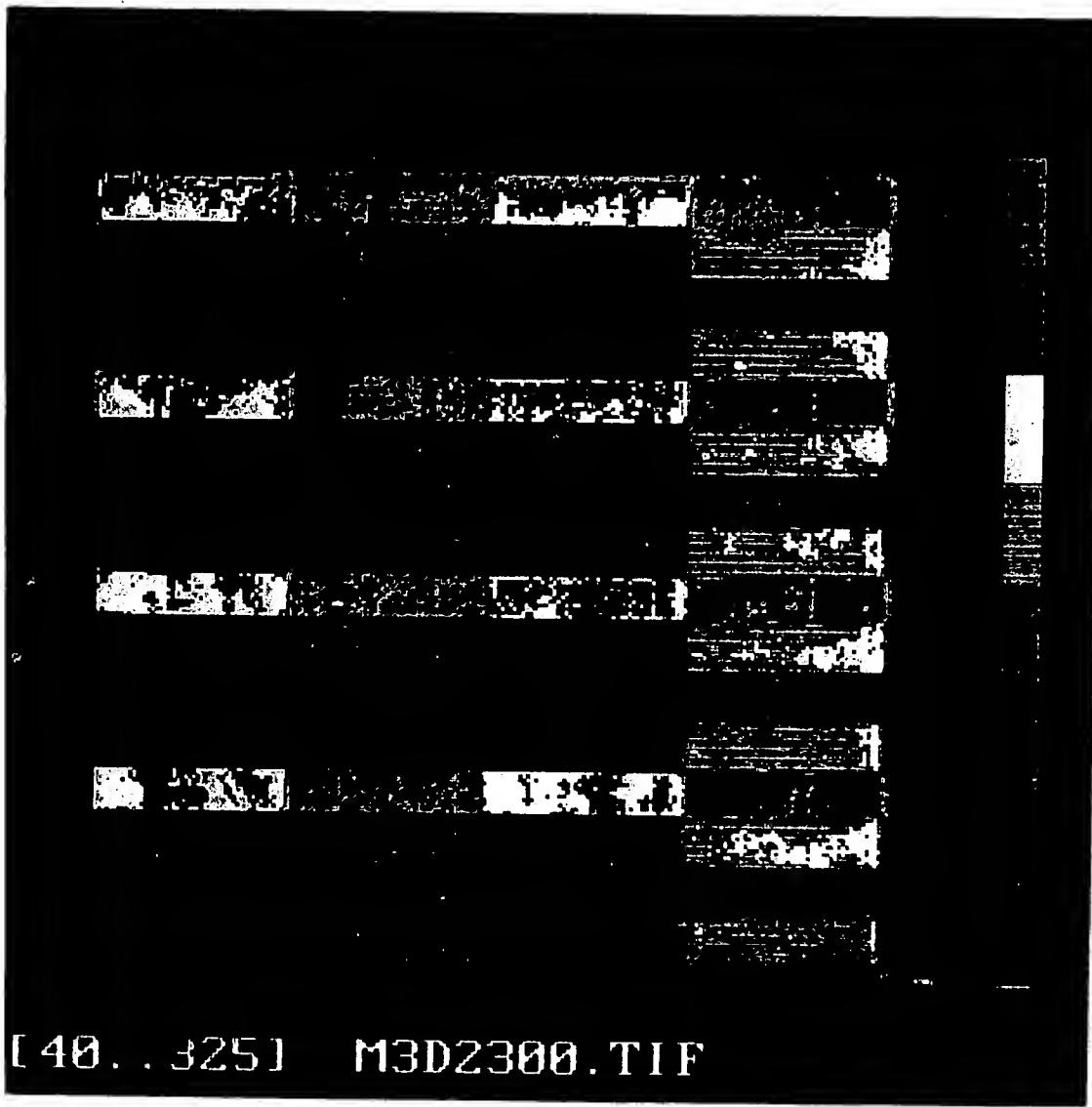
20,000

[20,149] ML21500.TIF

FIG. 19

954646

325,000



40,000

[40..325] M3D2300.TIF

FIG. 20